

COMPOSITE PREVALENCE ESTIMATES OF THE NEED FOR SUBSTANCE ABUSE TREATMENT SERVICES IN MICHIGAN

(Version 3.0)



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Composite Prevalence Estimates
Office of Drug Control Policy
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Michigan Department of community Health

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1. Introduction

In an effort to develop and provide information useful for state, regional substance abuse coordinating agency and county level planning, the Michigan Department of Community Health (MDCH) issued a report entitled *The 1994 Prevalence Estimates of Alcohol and Drug Abuse for Counties in Michigan*. Previous to this point, the statewide estimates that were used were developed in the early 1970's. A common and consistent methodological approach did not exist at that time to estimate regional and county level treatment needs. The 1994 report was able to establish county prevalence estimates broken down by gender. Lacking sound, research-based state and regional-specific data for Michigan, it used findings from national research studies, in combination with Michigan population census information, to produce estimates. This type of prevalence research approach is sometimes referred to as "synthetic estimates".

As a federal requirement of the Substance Abuse Prevention and Treatment (SAPT) Block Grant, states have been mandated to provide information regarding the state's substance abuse treatment needs. Substance abuse problems must be identified within the state so that resources can be targeted toward those areas with greater relative needs. Federal requirements evolved over time, with more specific formats for needs data becoming mandated for the states, as well as detailed information on substate planning regions. Since fiscal year 1991, for purposes of federal block grant reporting, six substate planning regions in Michigan were established along county boundaries. They are: Upper Peninsula, Northern Lower, Southwestern, Central, Thumb Area and Southeastern (see Appendix A). These study regions became the primary focus of estimates in most all of the needs assessment studies. Up until FY2002, the 15 regional substance abuse coordinating agency boundaries fit within the six planning regions without any overlap or fragmentation. In FY2002, the Bay Arenac coordinating agency became the 16th coordinating agency; and, it is comprised of six counties formerly associated with four different coordinating agencies. As a result of this occurrence, the 16 coordinating agencies no longer fit within the six planning regions, with Bay Arenac straddling three different regions.

When determining prevalence estimates for the Michigan population, the source of the data to establish such estimates becomes critical. It would be expected that the Michigan (or any other state) population would be very different from the total U.S. population in terms of substances used, demographics of users, and similar information relevant to making estimates of need for substance abuse treatment. Consequently, it was determined that Michigan-specific research studies would provide for more direct measures and, thus, stronger estimates for Michigan communities than those developed by using national studies.

To capture the necessary data relevant to Michigan, MDCH has been carrying out a family of needs assessment studies in Michigan for the last 11 years. These studies have been focused on developing data and information specific to Michigan as a whole, and to the six planning regions (as often as possible) within the resources available to carry out the studies. These studies have collected information about substance abuse, most often directly from Michigan's residents. Under competitive federal procurements, MDCH/DSAQP was awarded three federal contracts to support treatment needs assessment studies. All 17 of these studies have now been completed and the results are being increasingly integrated into statewide and regional planning.

Among the reports completed in the second federal award period was *Composite Prevalence Estimates of the Need for Substance Abuse Treatment Services in Michigan* (1999). Also during the second federal award period, this report was followed with *Version 2.0* (2001), which provided an updated composite estimate of the prevalence of substance abuse for the State of Michigan, as well as for each of the six federal block grant planning substate regions, each of the 15 coordinating agencies, and each of the 83 counties. These composite estimates were developed by merging results from the key individual studies focusing on statewide needs; and, they thus represent the prevalence of alcohol and other drug abuse and dependency throughout Michigan at the two points in time when these studies were completed. Prevalence numbers in these reports provided the latest and best estimates of need for substance abuse treatment services. The major difference in the first two versions of this report is that *Version 2.0* contains data from the Michigan-specific direct study of adolescent treatment needs, while the earlier report relied upon national research findings projected to the Michigan adolescent population. Since the last version, the 2000 census data has become available and newer and more recent information on Michigan adults has been developed to allow preparation of another update. This report, being issued as *Version 3.0*, contains the latest Michigan population prevalence estimates of the need for substance abuse treatment.

2. Methodology

The total population needing treatment services are estimates based on core findings from the MDCH family of needs assessment studies. Estimates of the need for treatment for the general adult (18-64 years of age) population for each of the six substate planning regions were developed using the pending report on the 2000 Michigan Drug and Alcohol Population Survey (MDAPS). However, previous efforts had found that heroin use prevalence could not be reliably estimated using a conventional household survey approach. Therefore, MDCH carried out a special study specifically intended to provide heroin use prevalence information. Estimates from extended analysis of the 1994 Heroin Prevalence Study in Michigan were added to the MDAPS estimates to compensate for the serious under-reporting of heroin use in the MDAPS. Demographic data related to estimated heroin prevalence were developed using the most robust source of information about heroin users; treatment admissions data demographics. Estimates of the need for treatment for the general adolescent (12-17 years of age) population for each of the six substate planning regions were developed using the 1998 Michigan Drug and Alcohol Population Survey of Adolescents (MDAPS-

A). Estimates for the population (age 65 and over) with substance abuse problems were calculated with consideration to treatment admission statistics for this group, along with census data and a special report on substance abuse services for older adults.

To develop coordinating-agency and county-level prevalence estimates, the planning region totals were proportionally divided into the coordinating agency areas within the planning regions, based on 2000 census proportions within the region. Similarly, county estimates were derived from proportional allocation of the regional prevalence estimates, based on relative proportions from the 2000 census population within the region.

In order to develop estimates for the new coordinating agency alignments that began in 2002, county estimates for those counties effected by movement from one coordinating agency to another were deleted from the “old” coordinating agency totals (effecting estimates for Kent, Mid-south and Northern CA), and added to the “new” coordinating agency (Bay Arenac). As a result, in four planning regions, the composite prevalence estimates will no longer balance or match up with additions of the coordinating agency composite prevalence estimates for each of these regions.

To comply with the federal block grant requirements, the state is expected to provide age, race/ethnicity and sex data for the population in need of treatment. Therefore, MDCH aggregated data from the above surveys and studies for each of the six substate planning regions according to federally-designated age, race/ethnicity and sex categories. Statewide totals were also developed from the planning region information. It was determined that prevalence estimates by age, race/ethnicity and sex at the coordinating agency and county level could not be reliably estimated from the information available.

Composite prevalence estimates of the need for substance abuse treatment services can be updated as new Michigan-specific information becomes available.

**3. Substance Abuse
Composite Prevalence Estimates
by Coordinating Agency**

**3.1
Substance Abuse
Composite Prevalence Estimates
by Coordinating Agency
All Michigan Residents - All Ages**

Coordinating Agency	Prevalence Estimates
Bay-Arenac Behavioral Health	58,203
Detroit Department of Health	146,615
Genesee County Health Department	69,084
Kalamazoo County Human Services Department	82,455
Kent County Community Mental Health	117,492
Lakeshore Coordinating Council	125,055
Macomb County Community Mental Health	121,474
Mid-South Substance Abuse Commission	162,619
Northern Michigan Substance Abuse Services	133,316
Oakland County Health Division	184,050
Pathways Substance Abuse Services	40,212
Saginaw County Health Department	33,270
St. Clair County Health Department	46,995
Southeast Michigan Community Alliance	193,556
Washtenaw County Community Mental Health Center	73,956
Western U.P. Substance Abuse Services Coordinating Agency	22,164
TOTAL	1,610,516

3.2
Substance Abuse
Composite Prevalence Estimates
by Coordinating Agency
All Michigan Residents 18 Years of Age and Older

Coordinating Agency	Prevalence Estimates
Bay-Arenac Behavioral Health	54,286
Detroit Department of Health	132,150
Genesee County Health Department	62,844
Kalamazoo County Human Services Department	79,302
Kent County Community Mental Health	109,150
Lakeshore Coordinating Council	117,071
Macomb County Community Mental Health	118,808
Mid-South Substance Abuse Commission	150,592
Northern Michigan Substance Abuse Services	123,703
Oakland County Health Division	177,388
Pathways Substance Abuse Services	37,966
Saginaw County Health Department	30,604
St. Clair County Health Department	42,908
Southeast Michigan Community Alliance	183,440
Washtenaw County Community Mental Health Center	72,162
Western U.P. Substance Abuse Services Coordinating Agency	20,910
TOTAL	1,513,284

4. Substance Abuse Composite Prevalence Estimates in Michigan by County*

Substance Abuse Prevalence Estimates in Michigan Grouped by Revised CA Configuration				
Coordinating Agency	County	Population (2000 Census)	Composite Prevalence Estimate	
			By CA Region	By County
Bay-Arenac			58,203	
	Arenac	17,269		2,771
	Bay	110,157		17,449
	Huron	36,079		5,715
	Montcalm	61,266		10,528
	Tuscola	58,266		9,229
	Shiawassee	71,687		12,511
	Total CA Region	354,724		58,203
Detroit			146,615	
	Detroit	951,270		146,615
	Total CA Region	951,270		146,615
Genesee			69,084	
	Genesee	436,141		69,084
	Total CA Region	436,141		69,084
Kalamazoo			82,455	
	Barry	56,755		9,753
	Branch	45,787		7,868
	Kalamazoo	238,603		41,002
	St. Joseph	62,422		10,727
	Van Buren	76,263		13,105
	Total CA Region	479,830		82,455
Kent			117,492	
	Ionia	61,518		10,571
	Kent	574,335		98,694
	Newaygo	47,874		8,227
	Total CA Region	683,727		117,492

*Detroit data is for the City of Detroit only.

**Substance Abuse Prevalence Estimates in Michigan
Grouped by Revised CA Configuration
(Continued)**

Coordinating Agency	County	Population (2000 Census)	Composite Prevalence Estimate	
			By CA Region	By County
Lakeshore			125,055	
	Allegan	105,665		18,158
	Berrien	162,453		27,916
	Cass	51,104		8,782
	Muskegon	170,200		29,247
	Ottawa	238,314		40,952
	Total CA Region	727,736		125,055
Macomb			121,474	
	Macomb	788,149		121,474
	Total CA Region	788,149		
Mid-South			162,619	
	Calhoun	137,985		24,081
	Clinton	64,753		11,300
	Eaton	103,655		18,089
	Gratiot	42,285		7,379
	Hillsdale	46,527		8,120
	Ingham	279,320		48,745
	Jackson	158,422		27,647
	Lenawee	98,890		17,258
	Total CA Region	931,837		162,619

**Substance Abuse Prevalence Estimates in Michigan
Grouped by Revised CA Configuration
(Continued)**

Coordinating Agency	County	Population (2000 Census)	Composite Prevalence Estimate	
			By CA Region	By County
Northern			133,316	
	Alcona	11,719		1,880
	Alpena	31,314		5,025
	Antrim	23,110		3,708
	Benzie	15,998		2,567
	Charlevoix	26,090		4,186
	Cheboygan	26,448		4,244
	Clare	31,252		5,015
	Crawford	14,273		2,290
	Emmett	31,437		5,044
	Gladwin	26,023		4,176
	Grand Traverse	77,654		12,460
	Isabella	63,351		10,165
	Iosco	27,339		4,387
	Kalkaska	16,571		2,659
	Lake	11,333		1,818
	Leelanau	21,119		3,389
	Manistee	24,527		3,936
	Mason	28,274		4,537
	Mecosta	40,553		6,507
	Midland	82,874		13,298
	Missaukee	14,478		2,323
	Montmorency	10,315		1,655
	Oceana	26,873		4,312
	Osceola	23,197		3,722
	Oscoda	9,418		1,511
	Ogemaw	21,645		3,473
	Otsego	23,301		3,739
	Presque Isle	14,411		2,312
	Roscommon	25,469		4,087
	Wexford	30,484		4,891
	Total CA Region	830,850		133,316

**Substance Abuse Prevalence Estimates in Michigan
Grouped by Revised CA Configuration
(Continued)**

Coordinating Agency	County	Population (2000 Census)	Composite Prevalence Estimate	
			By CA Region	By County
Oakland			184,050	
	Oakland	1,194,156		184,050
	Total CA Region	1,194,156		184,050
Pathways			40,212	
	Alger	9,862		1,937
	Chippewa	38,543		7,570
	Delta	38,520		7,565
	Luce	7,024		1,379
	Mackinac	11,943		2,346
	Marquette	64,634		12,694
	Menominee	25,326		4,973
	Schoolcraft	8,903		1,748
	Total CA Region	204,755		40,212
Saginaw			33,270	
	Saginaw	210,039		33,270
	Total CA Region	210,039		33,270
St. Clair			46,995	
	Lapeer	87,904		13,924
	Sanilac	44,547		7,056
	St. Clair	164,235		26,015
	Total CA Region	296,686		46,995
Southeast MI			193,556	
	Monroe	145,945		22,494
	Out-Wayne	1,109,892		171,062
	Total CA Region	1,255,837		193,556

**Substance Abuse Prevalence Estimates in Michigan
Grouped by Revised CA Configuration
(Continued)**

Coordinating Agency	County	Population (2000 Census)	Composite Prevalence Estimate	
			By CA Region	By County
Washtenaw			73,956	
	Livingston	156,951		24,190
	Washtenaw	322,895		49,766
	Total CA Region	479,846		73,956
Western U.P.			22,164	
	Baraga	8,746		1,718
	Dickinson	27,472		5,395
	Gogebic	17,370		3,411
	Houghton	36,016		7,073
	Iron	13,138		2,580
	Keweenaw	2,301		452
	Ontonagon	7,818		1,535
	Total CA Region	112,861		22,164
Totals		9,938,444	1,610,516	1,610,516

**5. Composite Prevalence Estimates
by
Age, Sex, and Race/Ethnicity**

5.1
Statewide
Composite Prevalence Estimate of Need for Substance Abuse Treatment

Age Group	White		Black		American Indian, Eskimo or Aleut		Other		Hispanic		Total		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Under 11	2,562	2,388	508	481	28	27	170	162	172	161	3,439	3,218	6,657
12 - 14 yrs.	4,761	5,694	746	791	63	68	224	275	230	292	6,024	7,121	13,144
15 - 17 yrs.	33,077	26,193	6,133	5,137	297	242	1,680	1,391	1,867	1,413	43,055	34,376	77,430
18 -24 yrs.	66,482	41,159	14,066	7,892	520	365	4,221	2,328	4,812	2,511	90,100	54,255	144,355
25 - 44 yrs.	358,278	213,206	73,238	51,582	3,208	1,953	16,642	9,746	16,670	8,598	468,035	285,086	753,121
45 - 64 yrs.	283,742	81,112	42,385	15,725	1,624	507	7,372	2,365	6,688	1,708	341,811	101,417	443,228
65 and over	114,045	37,517	12,024	4,566	304	98	1,520	500	1,573	432	129,467	43,113	172,580
Total	862,947	407,269	149,100	86,174	6,043	3,260	31,829	16,768	32,011	15,115	1,081,930	528,585	1,610,516
18 and older	822,547	372,994	141,713	79,765	5,656	2,923	29,755	14,940	29,743	13,249	1,029,413	483,871	1,513,284

State Total 1,610,516

5.2 Upper Peninsula Planning Region Composite Prevalence Estimate of Need for Substance Abuse Treatment													
Age Group	White		Black		American Indian, Eskimo or Aleut		Other		Hispanic		Total		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Under 11	109	101	0	0	8	8	5	5	2	2	125	116	241
12 - 14 yrs.	381	342	1	1	27	25	15	14	5	5	429	387	816
15 - 17 yrs.	1,127	1,051	15	3	78	66	41	34	16	14	1,277	1,167	2,444
18 - 24 yrs.	2,452	1,846	157	12	109	95	94	52	41	26	2,852	2,032	4,884
25 - 44 yrs.	15,925	10,262	1,386	37	855	563	459	246	257	82	18,882	11,191	30,073
45 - 64 yrs.	11,025	4,935	185	4	303	158	163	92	47	20	11,723	5,209	16,932
65 and over	4,937	1,881	7	0	63	26	42	17	10	3	5,059	1,927	6,986
Total	35,956	20,418	1,751	57	1,443	942	819	460	378	153	40,347	22,029	62,376
18 and older	34,338	18,924	1734	53	1,330	843	759	408	355	132	38,516	20,359	58,875

Regional Total 62,376

Counties Included: Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon and Schoolcraft

Coordinating Agencies: Eastern Upper Peninsula Substance Abuse Services (Eastern U.P.)
Western Upper Peninsula Substance Abuse Services Coordinating Agency (Western U.P.)

5.3 Northern Lower Planning Region Composite Prevalence Estimate of Need for Substance Abuse Treatment													
Age Group	White		Black		American Indian, Eskimo or Aleut		Other		Hispanic		Total		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Under 11	570	539	5	5	10	9	17	17	20	19	621	589	1,210
12 - 14 yrs.	1,017	1,292	6	8	17	19	26	31	26	31	1,092	1,381	2,473
15 - 17 yrs.	3,131	2,559	31	16	47	38	71	61	82	65	3,362	2,739	6,100
18 -24 yrs.	5,410	3,422	204	97	72	48	141	90	168	90	5,996	3,748	9,744
25 - 44 yrs.	41,311	17,305	895	154	567	233	709	307	808	298	44,289	18,297	62,586
45 - 64 yrs.	31,468	5,556	215	29	280	51	293	62	307	47	32,562	5,744	38,306
65 and over	12,631	2,774	40	9	56	11	60	17	60	12	12,847	2,822	15,669
Total	95,536	33,446	1,395	317	1,047	409	1,317	586	1,472	562	100,768	35,320	136,088
18 and older	90,820	29,056	1,353	289	974	342	1,203	476	1,343	447	95,694	30,611	126,305

Regional Total 136,088

Counties Included: Alcona, Alpena, Antrim, Arenac, Benzie, Charlevoix, Cheboygan, Clare, Crawford, Emmet, Gladwin, Grand Traverse, Isabella, Iosco, Kalkaska, Lake, Leelanau, Manistee, Mason, Mecosta, Midland, Missaukee, Montmorency, Oceana, Ogemaw, Osceola, Oscoda, Otsego, Presque Isle, Roscommon and Wexford

Coordinating Agencies Included: Northern Michigan Substance Abuse Services (Northern)

5.4
Southwestern Planning Region
Composite Prevalence Estimate of Need for Substance Abuse Treatment

Age Group	White		Black		American Indian, Eskimo or Aleut		Other		Hispanic		Total		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Under 11	533	499	66	62	3	3	36	35	55	52	693	651	1,344
12 - 14 yrs.	904	1,890	94	187	5	11	42	98	64	134	1,110	2,320	3,430
15 - 17 yrs.	6,295	6,193	617	638	42	42	285	302	458	425	7,698	7,600	15,298
18 -24 yrs.	10,757	12,931	1,255	1,333	69	79	570	639	1,205	1,047	13,856	16,029	29,885
25 - 44 yrs.	69,484	47,410	7,739	5,282	515	386	2,661	1,670	5,147	2,621	85,545	57,370	142,915
45 - 64 yrs.	79,983	13,967	5,403	1,029	379	70	1,579	288	2,323	340	89,668	15,695	105,363
65 and over	26,946	7,876	1,248	374	66	15	262	73	354	80	28,877	8,417	37,294
Total	194,903	90,767	16,422	8,904	1,080	606	5,435	3,105	9,608	4,700	227,446	108,083	335,529
18 and older	187,171	82,184	15,644	8,018	1,029	550	5,072	2,670	9,030	4,089	217,946	97,511	315,457

Regional Total 335,529

Counties Included: Allegan, Barry, Berrien, Branch, Cass, Ionia, Kalamazoo, Kent, Montcalm, Muskegon, Newaygo, Ottawa, St. Joseph and Van Buren

Coordinating Agencies Included: Kalamazoo County Human Services, Regional Coordinating Agency (Kalamazoo)
Kent County Community Mental Health (Kent)
Lakeshore Coordinating Council (Lakeshore)

5.5 Central Planning Region Composite Prevalence Estimate of Need for Substance Abuse Treatment													
Age Group	White		Black		American Indian, Eskimo or Aleut		Other		Hispanic		Total		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Under 11	273	256	29	27	1	1	19	18	22	21	345	324	669
12 - 14 yrs.	530	406	46	35	3	2	25	20	31	26	635	490	1,125
15 - 17 yrs.	6,001	3,456	529	282	39	22	285	170	381	245	7235	4,175	11,410
18 -24 yrs.	10,730	4,034	1,000	364	67	26	608	213	642	222	13,047	4,859	17,906
25 - 44 yrs.	43,832	23,426	4,943	2,118	311	137	1,717	862	2,289	1,055	53,091	27,598	80,689
45 - 64 yrs.	28,243	11,598	2,057	717	140	48	557	234	821	298	31,818	12,895	44,713
65 and over	13,099	4,358	495	167	22	7	140	39	228	65	13,983	4,635	18,618
Total	102,707	47,534	9,099	3,709	583	244	3,351	1,557	4,415	1,932	120,154	54,977	175,131
18 and older	95,904	43,416	8,494	3,365	539	218	3,021	1,348	3,980	1,640	111,939	49,987	161,926

Regional Total 175,131

Counties Included: Calhoun, Clinton, Eaton, Gratiot, Hillsdale, Ingham, Jackson, Lenawee and Shiawassee

Coordinating Agencies Included: Mid-South Substance Abuse Commission (Mid-South)

5.6
Thumb Area Planning Region
Composite Prevalence Estimate of Need for Substance Abuse Treatment

Age Group	White		Black		American Indian, Eskimo or Aleut		Other		Hispanic		Total		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Under 11	309	289	65	63	2	2	15	15	22	21	412	389	801
12 - 14 yrs.	761	698	135	124	4	5	28	27	44	41	972	895	1,867
15 - 17 yrs.	5,864	3,823	999	647	39	29	205	132	357	206	7,465	4,836	12,301
18 -24 yrs.	10,312	7,346	1,734	1,379	69	51	315	260	614	424	13,045	9,460	22,505
25 - 44 yrs.	45,243	21,944	6,647	3,986	307	158	1,017	479	1,682	816	54,896	27,383	82,279
45 - 64 yrs.	28,624	8,212	3,577	1,183	128	39	446	139	748	195	33,523	9,768	43,291
65 and over	13,045	3,830	1,105	301	25	7	80	28	218	57	14,473	4,224	18,697
Total	104,158	46,142	14,262	7,682	575	291	2,106	1,080	3,685	1,761	124,785	56,955	181,741
18 and older	97,224	41,332	13,063	6,849	529	255	1,858	906	3,262	1,493	115,937	50,835	166,772

Regional Total 181,741

Counties Included: Bay, Genesee, Huron, Lapeer, Saginaw, Sanilac, St. Clair and Tuscola

Coordinating Agencies Included: Genesee County Health Department (Genesee)
Saginaw County Health Department (Saginaw)
St. Clair County Health Department (St. Clair)

5.7
Southeastern Planning Region
Composite Prevalence Estimate of Need for Substance Abuse Treatment

Age Group	White		Black		American Indian, Eskimo or Aleut		Other		Hispanic		Total		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Under 11	768	702	343	325	3	3	78	72	50	47	1,243	1,149	2,392
12 - 14 yrs.	1,170	1,067	464	437	6	5	88	85	58	54	1,786	1,648	3,434
15 - 17 yrs.	10,659	9,111	3,941	3,552	52	45	793	692	573	459	16,018	13,859	29,877
18 -24 yrs.	26,820	11,579	9,716	4,708	134	66	2,494	1,073	2,141	701	41,304	18,127	59,431
25 - 44 yrs.	142,483	92,860	51,630	40,005	654	476	10,078	6,181	6,488	3,725	211,332	143,247	354,579
45 - 64 yrs.	104,399	36,844	30,948	12,763	394	141	4,334	1,549	2,442	808	142,517	52,106	194,623
65 and over	43,388	16,798	9,130	3,715	73	33	936	327	702	214	54,229	21,086	75,315
Total	329,687	168,962	106,171	65,504	1,316	769	18,801	9,979	12,454	6,007	468,430	251,221	719,651
18 and older	317,090	158,081	101,423	61,191	1,255	715	17,841	9,131	11,772	5,448	449,382	234,566	683,948

Regional Total 719,651

Counties Included: Livingston, Macomb, Monroe, Oakland, Washtenaw and Wayne

Coordinating Agencies Included: Detroit Department of Health (Detroit)
 Macomb County Mental Health (Macomb)
 Oakland County Health Division (Oakland)
 Southeast Michigan Community Alliance (SMCA)
 Washtenaw County Community Mental Health Center (Washtenaw)

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FEDERAL BLOCK GRANT PLANNING REGIONS



